# **Diversion Pool**

# **Existing Focus**

- Low impact and low density recreation
- Near-town location residential neighbors
- Wildlife values
- Stable cold water

## Alternative Future Focus/Vision

- Improved Access
- Create a loop trail system
- Provide a special events facility

# **Existing Uses**

- Day use
- Non-motorized boating
- Trail use
- Fishing

# Proposed Resource Actions

#### Access

 RWG-DP1 – Lakeland Blvd. Access: Acquire authorization to use existing road or build new road to old RR grade. Provide limited facilities (parking, tables, pole-stoves, restroom, access to water's edge for hikers and car-top boats) to facilitate use.

Loop Trail System – Diversion Pool (Trails resource actions are being grouped together for consideration as a project-wide plan)

- RWG-DP10-Safe crossing of railroad tracks and river for users and connection to trail system: Obtain UPRR authorization to develop trail access under S abutment of RR bridge, or permission to construct pedestrian bridge over tracks.
- RWG-DP11-Multi-use loop trail around Diversion Pool: In addition to DP9, above, add a second (probably suspension) footbridge (including short connecting trails) at the head of the Diversion Pool, to connect Burma Rd. with the old RR grade.
- RWG-DP6-Day use sites for trail users and boaters: In addition to DP1, above, develop spur-trails and boat-landing areas with picnic tables and pole-stoves at remote points along N and S shores of Diversion Pool.
- RWG-DP8-Opportunities for nature interpretation: Develop interpretive sites at Lakeland trailhead, and numbered stations along existing trail(s) for use with a trail brochure. Coordinate opportunities for guided walks with the Feather River Nature Center and/or Lake Oroville Visitor Center.
- RWG-DP2-Equestrian trailhead improvements: Extend water line to trailhead and adjacent area. Provide additional horse tethering facilities and permanent restrooms. Gravel surfacing of dirt road. <see LF30>.
- RWG-DP13-Paved Bike Trail on Railroad Grade from Diversion Dam to Oroville Dam.
- RWG-DP14-Demonstration mtn. bike loop trail: Develop a trail ~parallel to the Dan Beebe Trail for separation of equestrian and bicycle use, including special technical features designed in conjunction with local enthusiasts.
- RWG-DP9-Open Diversion Pool Dam to trail linkage use: Construct any modifications necessary to safely allow public crossing (foot, bicycle, walked-mount) of Diversion Dam.

#### Special Events Venue

•RWG-DP17-Use of DWR property next to Diversion Dam for multi-use center:

Additional development at "staging area" Interim Project (fencing, delineated parking, water, restrooms, small concession/office building, grandstand seating). Resource Action Form?

# Additional Enhancements: Camping

- RWG-DP3-Camping improvements: Provide a few initial primitive camping facilities in the vicinity of the trailhead; more expansive development contingent upon DP5, below. <see LF30>. May encourage use inconsistent with neighborhood location (transient use and abuse)
- **•** -----.

- DP5 & DP16-Acquire adjacent land for expansion: Acquire 80-acre parcel adjacent to (downstream of) Lakeland Blvd. Trailhead from PG&E. Use for development of overnight facilities and additional trail and park development. Property acquisition
- DP7- Clean up area/remove exotic plants: More frequent routine maintenance of public use areas (similar to other LOSRA developed areas), and develop a native vegetation management plan in coordination with DPR; provide screening of adjacent maintenance area (latter was deferred IP). All are covered in Environmental or Land Use proposed resource actions including Vegetation Management Plan, regular debris removal program, exotic vegetation management, landscaping for facilities, and screening actions.
- DP12-Seasonal pontoon bridge or other crossing over the Diversion Pool: Covered in DP9 and/or DP11, above.
- RWG-DP19-Oro-Dam Blvd. Bike Lane Extension -- Extend connection of bike lane from Orange Ave. up Oro-Dam Blvd. To Canyon Dr. (near Oroville Dam; add blacktop, widen as needed). No nexus to Project; alternative route available; bike use is not prohibited currently.

# Thermalito Forebay

# **Existing Focus**

- Low and high impact recreation
- In-town/gateway location
- Wildlife values
- Stable cold water

#### Alternative Future Focus and Vision

- Loop trail
- Gateway facilities near interchange (day use, warm water swimming, visitor serving services)
- Campbell Hill protection and use
- Improved day-use access
- Landscaping and view-shed improvements

# **Existing Uses**

- Day use
- Swimming, motorized and non-motorized boating, picnicking, hang gliding, fishing, wildlife viewing, trails
- Special events boating and safety training
- Overnight 'en-route' camping

#### **Proposed Resource Actions**

- Dav Use
- RWG-TF12-Fishing access: Create additional shoreline access points around the North Forebay; may include some removal of aquatic vegetation and a disabled-access fishing pier.
- RWG-TF2-Expand day use facilities at South Forebay -- Develop sand beach, additional tables and pole-stoves, fish cleaning station, paved parking. Fencing (barbedwire) to protect vernal pools.
- RWG-TF9-Expand day use facilities <u>and fishing access</u> at North Forebay -- Add shade ramadas and expand parking at existing recreation area, <u>create additional</u> <u>shoreline access points around the North Forebay; may include some removal of aquatic vegetation and expand the existing fishing pier and add a shade ramada (the existing fishing pier is ADA compliant). (Combines TF12, TF9, and TF20)-</u>
- RWG-TF1-Safe, warm water swimming w/sand beaches -- Modify circulation or
  provide pumped water to allow more warming of swim cove at North Forebay; perhaps a
  "play feature" (shallow "stream," smooth boulders) and landscaping. (Check with E&O for
  potential engineering solutions)
- RWG-TF20-Expand the Accessible Fishing Pier -- Enlarge existing fishing platform and add shade structure.
- RWG-TF18-White Water Recreation Park: Create a competition-style public artificial channel near the outlet of the Forebay that flows to the Afterbay, with support facilities (parking, stairs, restrooms, grandstand); periodically divert 400-1,000 cfs through channel <alternative location>. (Settlement issue)

## Wildlife Values

RWG-TF14-Enhance wildlife values at Forebay, AND protect resource for non-motorized recreation -- Enhance opportunity with paddleboat/etc. rentals (concessionaire space) coordinated with expansion of boat storage facility. (Action doesn't match desire to enhance wildlife value title. Wildlife values are under discussion within EWG, boat

#### rental, etc is part of TF8).

# Loop Trail – Thermalito Forebay

- RWG-TF11-Highway 70/Diversion Canal bridge connection: Additional/pedestrian access route to the North Forebay recreation area; possible candidate for TEA grant (requires matching funds and coordination with CTC and CalTrans).
- RWG-TF17-Loop trail around the entire Forebay and Afterbay Create several thousand feet of new trail, connecting existing segments of the Brad Freeman Trail, to allow multiple-use non-motorized access around margin of these water bodies.
- RWG-TF16-No. Forebay/Sports Complex Bridge over canal: Construct a pedestrian access bridge and associated connecting trail segment(s) to connect these two recreational areas. <duplicate of TF11>.

# Camping

 RWG-TF19-Additional North Forebay En-route Camping -- Develop 25 additional camp spurs with tables, ramadas, tables, and a combination shower/restroom building; landscaping, overlooking Power Canal. (Needs? Conflict with day use)

#### **Boating**

- RWG-TF7-Expand boating aquatics center: Provide additional covered storage and utilities at existing North Forebay "Boat Storage Facility"; make use of facilities available to active groups.
- RWG-TF8-Boating events venue and support facilities (BISC) -- JPA: possibly as part of recreational complex (golf, resort); DPR: Develop a Boating Information and Safety Center, with 120-person multipurpose room, 4 classrooms, men's/women's locker rooms and showers, dock, and covered boat storage. Enhance opportunity with paddleboat/etc. rentals (concessionaire space) coordinated with expansion of boat storage facility and availability to groups. (TF14 and TF7)
- RWG-TA9-Develop facilities (including grandstand site, picnic tables, shade armadas, toilets, campground) at Forebay/Afterbay to support competitive powerboat events (RE28): site at S. Forebay.

#### Additional Enhancements - Concessionaires

- RWG-TF4-Lake front resort: Allow and encourage concession for development of commercial lodging and amenities on the N shore of the Forebay; provide required expansion of utilities and infrastructure (parking, boat docks, etc.). (Settlement issue)
- RWG-TF5-Golf course -- 18-hole course just north of the Forebay. Eventually, possibly
  part of a recreational complex, including a lakefront resort, warm water swimming,
  boating/special events area, and an expanded aquatics center. Proposed as
  public/private part. (Settlement issue)
- **\*** -----.

#### B List Proposed Resources

- ◆ TF3- Acquire Campbell Hills property, ~100 ac.: Purchase parcel overlooking the N side of the North Forebay, if willing seller. Allow public access from expanded North Forebay parking lot, any development must be consistent with natural resource values; manage/remove noxious plants. Property acquisition — no nexus
- ◆ TF6-Utilities/infrastructure to area: This is not a stand-alone project, but an element necessary for the additional developments described in TF4 and TF5. Redundant
- ◆ TF13- Develop DPR maintenance facility -- Construct equipment yard and staffing space

in the vicinity of the Forebay, allowing more direct attention to maintenance needs of the North and South Forebay recreation areas' existing and new facilities. On-going management

# Thermalito Afterbay

# **Existing Focus**

- High and low impact recreation
- Local and regional
- Wildlife values

#### Alternative Future Vision

- Resolve boating reg. inconsistencies
- Larkin Access area improvements
- Landscaping and view-shed improvements
- Boat in access for day use
- Maintain wildlife corridor
- Warmer water recreation
- Sea plane site

# **Existing Uses**

- Day use
- Swimming, motorized boating, water skiing, picnicking, fishing, wildlife viewing, hunting, trails, model airplanes

# **Proposed Resource Actions**

## Day Use

- RWG-TA1-Expand existing day use facility: <a href="More Sandy">More Sandy</a> beach, more picnic sites with shade ramadas, more parking for boats, at Monument Hill.
- RWG-TA3-Add boat-in improvements: More boat-in picnic sites, and perhaps primitive boat-in campsites, at remote shoreline or island areas of the Afterbay. <u>Direct conflict with</u> wildlife management activities.
- —**RWG-TA7-Add swimming at existing facility**: Designated beach and swim area (new construction/addition), picnic sites and shade at Larkin Road.
- RWG-TA9-Develop <u>support</u> facilities (<u>including may include grandstand site</u>, <u>shade ramadas</u>, <u>picnic tables</u>, <u>s</u>, toilets, campground) at <u>Forebay/Afterbay</u> to support <u>spectator events such as competitive powerboat events</u> (RE28): location likely close to cove designated (Afterbay) for water-ski activities, <u>or undetermined site at S. Forebay</u>.
- RWG-TA13-Improve OHV Recreation Area (Clay Pit <u>SOH</u>VRA) at the Oroville complex. Includes but not limited to 4x4 areas for training, safety, but also moto-cross type tracks: (designate areas, add signs/markers). <u>(Settlement issue)</u>

#### Boating/Seaplane

- RWG-TA10-Include a marina and launching of boats along with many recreational
  activities at the Afterbay, with the entrance to the facilities off Hwy 99 (RE29): Construct
  new marina (includes store, boat rentals, boat storage, infrastructure/utilities). No access
  from Hwy 99 over levee; inappropriate for Afterbay
- RWG-TA2-Add launch ramp at existing facility: Either add additional lanes at Monument Hill (with commensurate additional parking), or upgrade the car-top ramp at Larkin Road to a 2-lane conventional ramp with new (commensurate) boat-trailer parking. (dup with TA5).
- RWG-TA14-Allow seaplane landings on the Afterbay, provide minimal facilities for docking near the model airplane flying area, allow access through gate (Wilbur Road) to fuel trucks from local airport. <u>Inconsistent with wildlife values.</u>

# Camping

- RWG-TA8-Develop campground at the Afterbay (RE9) -- Convert 50 acres from Wildlife Area status to Recreation Area status. Phased development of 200-site campground across the street from Larkin Road car-top boat ramp within OWA. <same as WA2>.Inconsistent with wildlife values; encroaches on wildlife corridor; inconsistent with hunting in area.
- **\*** -----.

- TA4- Plant trees around the afterbay: Plant trees at recreation sites (Monument, Larkin, and boat-in picnic sites) and at other non-levee vista areas. Assume low-maintenance native species or non-invasive domestic-landscaping ornamentals. Vegetation Management Plan
- TA5- Add year-round resort project: Large scale development at undetermined Afterbayadjacent site to include commercial lodging and camping, special-event and trail-support facilities, "KOA-type" amenities, perhaps (not necessarily) a golf course. <u>Settlement</u> issue: Redundant to project proposed for the Forebay – alternative site noted.
- TA6- Consider Afterbay for alternate Equestrian Center site: At a suitable site (likely similar undetermined point as TA5, above), construct the "multi-use center" (equestrian event staging area) described in DP17 (Diversion Pool, previous page). Redundant to project proposed for Diversion Pool alternative site noted.

# Oroville Reservoir

#### Existing Focus

- Multi-purpose recreation (full range of low, medium and high impact activities)
- Regional and local importance
- Destination value
- Unstable water level
- Wildlife values
- Cultural values
- Education/interpretation

#### Alternative Future Vision

- Enhance existing uses and facilities synergistically
- Address needs of surrounding communities
- Adapt existing facilities to fluctuating water levels
- Operate summer res. levels to benefit recreation
- Plan recreation with respect for cultural and natural resources

# **Existing Uses**

- Day and overnight use
- Diverse camping (land and water based), all boating, fishing, trails, swimming, wildlife viewing, special events venue, seaplane base, hunting

# Proposed Resource Actions Camping

- RWG-OR1-Relocate 50 campsites at Bidwell Canyon: Convert "Big Pine" loop to Marina Parking; construct new CG loop adjacent to "Gold Flat" loop (retain existing number of sites at relocated campground site).
- RWG-OR5a-Add camp store shell at Bidwell Canyon -- Provide facilities for operation by concessionaire to support expansion of campground activities; ~1,000 s.f. building with utilities and aisle/shelf space, ~10 parking spaces. Concessionaire at Marina
- RWG-OR10-Add group RV camping at Loafer Creek -- New group camp loop including installation/extension of utilities, 50 hookup campsites, 1,500 s.f. meeting building, ¼ acre turf, adjacent restroom/shower building.
- RWG-OR11-Add concession with campground store at Loafer Creek -- Similar to OR5a (above) except near existing LOAFER CREEK facilities.
- RWG-OR13-Add activity center at Loafer Creek -- Similar to OR5b (above) except near existing LOAFER CREEK facilities.
- RWG-OR9-Add stable warm water swimming area and/or water play area at Loafer Creek: Construct 5-acre stable (900') sub-impoundment adjacent to lawn/picnic area; needs 30,000 yd3 fill and concrete for dam, plus circulation and probably chlorination system. Not feasible technically and likely to cause unacceptable environmental impacts
- RWG-OR21-Add 100 individual/family camping sites to Lime Saddle -- Triple current CG size by adding additional loops to CG, sufficient infrastructure/utilities nearby need to be extended; proposed in conjunction with OR-25 (50-unit Group Camp). (DPR Submitted Form)
- RWG-OR22-Add camp activity center and store shell at Lime Saddle: Provide facilities for operation by concessionaire to support expansion of campground activities; small building with utilities and aisle/shelf space, outdoor tables and games.
- RWG-OR24-Add concession improvements infrastructure at Lime Saddle -- Add infrastructure for concession improvements (campground store, restaurant, lodge) to enhance attractiveness of long-term concession lease and coordinate with other enhancements and parking ex.

- RWG-OR25-Add group RV camping at Lime Saddle -- Build new 50-unit group camp loop near existing camps; will include installation/extension of nearby utility services.
- RWG-OR26-Rehabilitate Lime Saddle Marina, Develop Complex -- Use reconstruction
  as an opportunity to improve boat dock capacity; add group picnic facilities, low water
  shuttle system, and marina store. (concessionaire action not DWR responsibility B
  List)
- RWG-OR16-Expand parking and day use facilities at Lime Saddle, including addition of group picnic facilities, low water shuttle system area of relocated maintenance yard, and low water parking: New (overflow) lot built in conjunction with CG project (2001); DPR submitted Form to construct new parking lot(s) in inundation zone.
- RWG-OR18-Add stable warm water swimming area and/or water play area at Lime Saddle: Construct 2-5 ac stable sub-impoundment in ravine west of campground; needs >50K yd3 fill and concrete for Jurisdictional dam, plus circulation and probably chlorination. Technically infeasible and likely to cause environmental impacts.
- RWG-OR49-Add campground + boat ramp to east side of the N Fork Feather R.:
   Develop new (primitive: vault toilets, tables, firepits) campground, probably 15-25 sites, near Berry Creek Road or similar area (see OR33); include 2-lane ramp (or adapt Foreman BIC for I.
- RWG-OR33-Add Berry Creek camping improvements: Develop a new (primitive: vault toilets, tables, firepits) campground, probably 10-20 sites, on the N. Fk. Feather River arm, LOSRA. (same as RWG-OR49)
- RWG-OR35-Establish tent camping at Enterprise launch ramp: Develop a new (primitive: vault toilets, tables, firepits) campground, probably 10-20 sites, near the existing Enterprise lot/area.
- RWG-OR40-Add year-round boat in campsites east of Loafer Creek: Develop a new boat-in (primitive) campground, probably 6-15 sites, on the S. or M. Fk. Feather River arm, LOSRA. (Early season use due to fluctuation)
- + RWG-OR71-Two New Group Camp at Loafer Creek -- created by converting southern portion of the day-use area to two new group camp areas.
- \*- RWG-OR72-Ten New Group Camp at Loafer Creek -- New 25-person sites, including restrooms, parking, ramadas, tables, tent-pads, and fire-rings; location TBD but near existing campground.
- RWG-OR73-Enlarge Expand Group Camping Areas Opportunities at Loafer Creek by either converting southern portion of the day-use area to two new group camp areas or adding new 25-person sites, including restrooms, parking, ramadas, tables, tent-pads, and fire-rings; location TBD but near existing campground or add add'l tent and parking spaces at half of existing (6) Loafer Group sites (OR71 and OR72).
- RWG-OR74-Upgrade Campsites at Loafer Creek -- Convert 75 basic sites to RV sites (extend utilities for hookups, add'l paving).
- RWG-OR75-Expand Loafer Creek Horse Camp -- construct 10 additional sites on the west side of existing equestrian campground.
- RWG-OR5b-Add camp activity center at Bidwell Canyon -- Provide facilities for operation by concessionaire to support expansion of campground activities, such as 1 acre of turf, shade structures, tables and seats, outdoor games (horseshoes, volleyball court, campfire.
- RWG-OR61-Develop Self-Contained Camping Spaces at Spillway -- Develop camp spurs, with tables and 50-A electrical service; landscaping. (Security concerns)
- RWG-OR63-Floating Campgrounds: Add new floating campsites in the North Fork and West Branch arms of the Lake; about 4-5 new units @ \$100,000. (Wildlife concerns and low water issues)
- RWG-OR69-New maintenance yard at Lime Saddle Campground -- Construct shop and storage facility for Campground maintenance (screened, near entrance station; 2-car

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- garage-shop, covered storage for 2 add'l vehicles, 600 ft2 outside fenced storage). Ongoing management
- RWG-OR70-Lime Saddle Campground Campfire Center -- Seating for 100 with stage+screen and A-V set-up (near Entrance Station). <u>Settlement issue.</u>
- RWG-OR80-Boat Landing Ramp at Lime Saddle Campground: Create a landing ramp and pedestrian access walkway and trail to allow campers with boats to land and more directly access the campground at Lime Saddle.
- RWG-OR82-Open Service Roads to Boat-In Campgrounds During Low Water, to Allow Car-Camping: Allow public access to currently closed roads; will probably require grading and gravel surfacing. <u>Settlement issue</u>

#### Boating

- RWG-OR14-Extend launch ramp and add low ramp/Marina parking -- construct new parking lot(s) in inundation zone for use during low water (DPR submitted Form for Bidwell.): Extension of Spillway, Bidwell, Lime Saddle ramps to ~700' completed, plan add'l extension f<add Logefer Creek ramp>.
- RWG-OR2-Expand Bidwell Marina parking: Construct new parking lot (requires clearing, grading, paving) on site of half of Bidwell Campground; construct new campground loop (36 sites) adjacent/connected to remaining campground loop.
- RWG-OR66-Increase Bidwell Boat Ramp Parking -- New parking for periods of high
  pool levels, accomplished by excavating a knoll between the ramp and the existing
  parking lot, and paving/painting more boat-trailer spaces.
- RWG-OR27-Add dry boat storage at Lime Saddle: Designate area close to Marina for public rental of covered and/or uncovered storage space. (<u>DWR action</u>) -- install cyclone fencing, gate, and electronic security; access/operation managed by Marina concessionaire (<u>Concessionaire action</u>). (<u>Potential conflict with existing private enterprise</u>).
- RWG-OR23-Extend and widen boat launch at Lime Saddle: add another 1-2 lanes down to at least 800'; extend ramp 10-20 feet below current 700' extension (2002) at next very low water period.
- RWG-OR67-Increase Lime Saddle Marina Parking -- Expand parking capacity at high water by expanding day-use parking onto knoll near existing access.
- RWG-OR34-Add launch ramp extension at Enterprise: Excavate and fill area at or near the foot of existing ramp (820') to develop a second-stage ramp extending to about 750'.
- RWG-OR79-Low Water Boat Ramp Access at Loafer Creek: Create a new road off the point within the Loafer Creek day use area to allow ~2 lane access during low water conditions (recognizes existing ramp cannot be lengthened).
- RWG-OR29- Add water ski tournament area at Lime Saddle -- Designate with buoys and float-line a cove/area, and spectator area, for water ski activity and competition; designate speed restriction (5mph) for all other vessels not using ski course; restrict use more during events. (Investigate appropriate location for water ski facility on Oroville Reservoir)
- RWG-OR52-Add improvements to car top boat launch areas east of Loafer Creek: Add picnic tables and upgrade vault restrooms at Stringtown and Enterprise areas; create better parking and turnaround areas at Stringtown.
- RWG-OR53-Extend all boat ramps to low pool: Extend all boat ramps to about 600' at the next opportunity; requires substantial fill and excavation. (Phased as permits and access become available: site-specific conditions may preclude extension).
- RWG-OR54-Add aquatic center on the lake: Create a "boathouse," similar to the facility at North Forebay, at Spillway or one of the other established recreation areas; for storage of club/class equipment and coordination of interpretive/safety programs. <u>Redundant action</u>

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# to proposed North Forebay location. Settlement issue.

- RWG-OR6-Add dry boat storage: Designate 1 or 2 areas close to existing Marinas for public rental of covered and/or uncovered storage space -- install cyclone fencing, gate, and electronic security; access/operation managed by Marina concessionaire(s). Redundant with RWG-OR27 (Concessionaire action). (Potential conflict with existing private enterprise).
- RWG-OR64-Improve car-top boat launch at Nelson Bar: Widen Ramp, designate turnaround area(s), create additional parking above 894' (level of lot that is inundated when Lake is full). (May not be physically feasible to widen ramp)
- RWG-OR7-Add tram to Marinas (Lime Saddle, Bidwell): Establish tram service from dayuse parking to Marinas during low-water periods. <u>Settlement issue.</u>
- RWG-OR76-Develop a Full-Service Marina at Spillway -- New Marina Facility including slips and moorings, office, fuel dock, supply store, restrooms, ferry service, and pump-out facility. (Security issue)

# Special Events Venue

•RWG-OR19-Add special events meadow at Lime Saddle: Construct a day-use/event parking area (gravel or paved) between CG and Marina and designate an open grassy area for special events; requires extension of existing utilities and probably periodic mowing.
•RWG-OR41-Establish bass tournament areas around lake: Develop Spillway-type amphitheater and staging area to cater to spectators and television at one or more other main boat ramps (Lime Saddle, Bidwell Canyon, Loafer Creek); see OR28. (Existing facility at spillway ramp – redundant facilities would be settlement issue)

#### Trails

• RWG-OR62-Preserve Historical Trail Designation and Status: Designate Dan Beebe, Roy Rogers, and Loafer Loop Trails as Historical Equestrian Trails.

#### Day Use

- RWG-OR20-Add day use improvements at Lime Saddle: Designate area and provide grassy area, add covered picnic tables near Marina; upgrade landscaping so area is weed-free. (Existing day use area with picnic tables: weed-free may be infeasible)
- RWG-OR36-Add Craig Saddle road improvements: Increase frequency of road maintenance, re/surface with gravel or asphalt to facilitate access to shoreline, old trails, and local private property. (Settlement issue)
- RWG-OR37-Add Foreman Creek day use area and beach improvement: Add basic facilities to existing car-top boat access area -- picnic tables, sand where feasible and beneficial; vault restrooms installed as Interim Project. (Will be considered with cultural resource constraints)
- RWG-OR55-Add more restrooms around the lake: Add a floating restroom to each of the arms (about 4 more); install vault toilets at each vehicular access point (about 5 more).
- RWG-OR38-Preserve and enhance Craig Access park: Associated with OR36; enhance day-use access to Craig Boat-in Campground and adjoining shoreline areas of LOSRA. (Settlement issue)
- RWG-OR3-Upgrade visitors center: New displays and interpretive features; renovation, modernization.
   LF26 is the preferred location>. (On-going action by DPR)
- RWG-OR78-Lake Oroville Overlook Improvement 2 -- Interim Project: Vegetation

clearing, excavation, grading, and paving a parking area adjacent to Highway 162, immediately north of Simpson Ranch Rd. near Bidwell Bar Bridge. (Settlement issue)

# Fishing Access

- RWG-OR43-Establish bank fishing sites around the lake near campgrounds:
   Develop marked trails from campgrounds (Lime Saddle, Loafer Creek) to lakeshore, sign for "Fishing Access." (Trail to lake with appropriate signage feasible: fishing sites not feasible with fluctuating shoreline)
- **RWG-OR45-Open all closed lake accesses**: Allow public vehicular travel on all LOSRA paved and dirt roads that lead to or near the shoreline. <u>Settlement issue.</u>

#### Resort

- RWG-OR48-Add year-round summer resort project east of Loafer Creek: Develop new
  destination resort (including extension of all utilities) on the S. or M. Fk. Feather River; RV
  camping, lodging, and conference facilities accessed off of Lumpkin Road. <u>Settlement</u>
  issue DWR is not in this business.
- **•** -----.

- RWG-OR 8- Widen Olive Avenue: Coordinate with CalTrans and County Road
  Department to convert 2-lane section to 4- or 5-lanes, from Oro-Dam Blvd. to turnoffs for
  Bidwell and/or Loafer areas (5 to 7 miles of road with mostly-private frontage). Other
  process (CalTrans)
- RWG-OR15- Acquire PG&E parcel near Lime Saddle: State purchase of ~5 acre parcel near existing "Parrish Cove" parking for use by Marina operations and day-use; requires site assessment and negotiation. Property acquisition
- RWG-OR17- Move maintenance yard at Lime Saddle Marina -- Construct shop and storage facility for Marina maintenance (screened, near current or PG&E parcel; 500 ft2 office, 2-car garage-shop, covered storage for 2 add'l vehicles, 1 acre outside fenced storage). Management
- RWG-OR30- Add holding tank pump out station at Lime Saddle: May be part of OR24; develop dump station for discharge and storage of gray- and black-water from houseboats. <u>Concessionaire action</u>
- RWG-OR 46- Improve roads around lake: Coordinate maintenance of State, County, and LOSRA internal roads; more frequent grading and graveling of dirt roads, resurfacing of rough roads, conversion to pavement of popular dirt roads. Procedural, not relicensing
- RWG-OR 65- New Multipurpose Trails in the Lime Saddle Marina Area: Connect existing and proposed facilities (Marina, CG, swim area, event meadow, etc.) with loops around vista points. Redundant

# Low Flow Channel

# **Existing Focus**

- In town/links to downtown
- Wildlife
- Provides endangered species habitat
- Low impact recreation
- Stable cold flow
- Historic and social relationship

#### Alternative Future Focus

- Restore communities' connection to the river
- Establish strong public space linkages
- Aquatic and riverfront recreational development with synergistic socio-economic partnering opportunities
- Restore and enhance a more natural river condition
- Promote historic, cultural and environmental education including a visitors center
- Preserve the natural values of the river

## **Existing Uses**

- Day use areas
- Fishing, swimming, motorized and non-motorized boating, wildlife viewing and hunting, picnicking, educational venues, trails

#### **Proposed Resource Actions**

#### Trails

- RWG-LF11-Loop historic cultural trail (funded): Enhance existing and create new
  multi-use trail with interpretive materials that emphasize cultural resources and
  history/prehistory of the area; both sides of river from SR 70 bridge to Diversion Dam.
- RWG-LF42-Formerly DP-13: Safe/legal crossing for bicycles over or under Hwy.162 bridge: Coordinate development of project proposal with County Transportation Commission and CalTrans -- possible TEA grant requiring matching funds.
   wording needs to be revised to reflect re-directing bikes from 162 down to the river>.
- RWG-DP15-Paved bike trail Nature Center, across Diversion Pool and down river: In conjunction with DP9, above, pave trail through Nature Center property to connect to city streets; also pave trail connection from Diversion Dam to Fish Hatchery. <move this to the Low Flow area, and make it a priority there (see LF25)>.

#### Boating

• RWG-LF12-Aquatic center with water ski course - west of hatchery, west side of river: Either in addition to or replacement of existing area on Afterbay; designate area with buoys, construct parking, grandstands, restroom, and upgrade road (similar to WA16). (Will evaluate appropriate location for water ski course)

#### Day Use

- RWG-LF13-Add spawning riffle observation/interpretation facility: Create nature trail, either from Hatchery or Downtown, that leads to viewing platform (new; perhaps also on new constructed side-channel) where natural salmonid spawning can be observed.
- RWG-LF24-Add warm water swimming and/or play stream and pond: At Bedrock
  Park, construct new shallow, isolated, very low flow side channel to facilitate water use by
  children and bathers; may include concrete at some pool/poolside areas. <u>Settlement</u>
  issue

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- RWG-LF26-Add Gateway Park: Visitor day-use and information facilities between Riverbend facilities and Bedrock Park (near SR 70 exit and visible from freeway).
   Settlement issue.
- RWG-LF28-Add Whitewater Park: Same as LF3, except for more downtown location(?). Settlement issue.
- RWG-LF3-Add Whitewater park: Create a competition-style public artificial channel on the right bank below the Diversion Pool, with support facilities (parking, stairs, restrooms, grandstand); periodically divert 400-1,000 cfs through that channel. <u>Settlement issue.</u>
- RWG-LF31-Add Neighborhood Park/Aquatic Center/Swim complex: Essentially the same as LF18, with some park-like landscaping (paths, tables, and benches) outside new building.

#### Special Events Venue

- RWG-LF29-Add flexible event staging/group camping area: Combination of LF20 and LF22; adjacent to the Interim Project staging area (across/above Power Canal from proposed Whitewater Park, right bank of channel). (Redundant – will evaluate best location for event staging within project boundary)
- RWG-LF30-Add equestrian event staging/group camping area: Left bank of channel near Diversion Dam and existing trailhead; similar elements to LF20 and LF22 but Oroville/RDA Information Form specifies location and plan view. (Redundant – will evaluate best location for event staging within project boundary)
- RWG-LF32-Replace Flash Dam: Restore seasonal placement of the abandoned/removed Western Canal flashboard dam, providing warming backwater for swimming and boating on River; minimal (primitive) improvements for access, parking, and sanitation. (Environmental WG has determined this is not feasible due to impacts to ESA species but PDEA will confirm).
- **+** -----.

- RWG-LF1- Create a transportation link on the old RR alignment from Diversion Pool to the Wildlife area: Acquire title or easement to pre-Project railroad grade, develop multiuse (non-motorized) unpaved trail between DP and OWA. Redundant
- RWG-LF2- Restore river natural conditions; remove exotic plants: NOT implying Dam removal, but veg.mgmt. and flow modifications to restore more natural hydrograph and temperature; otherwise should be referred to other Work Groups Env., E&O, LULM&A. Environmental resource actions are addressing the environmental issues of vegetation management, flows and temperature criteria.-.
- RWG-LF4-Establish Tribal Cultural Center along the river: Construct a special Visitor
  Center on public land near downtown or off SR 70, which will be managed by local Tribes
  for public education, tribal activities, and preservation of local cultural artifacts. Under
  development in Cultural Resources Work Group cross resource.
- RWG-LF5- Finish Riverbend Park: This is currently being implemented as a special Interim Project, but there are apparently additional phases of potential build-out beyond existing project(?). <u>Additional phases would be settlement issues.</u>
- RWG-LF6- Add DWR Visitor Information Center, as described in LF7 and LF9. No details
- RWG-LF8-Modify community swimming area at Bedrock Park: Enhance side channel/pools to accommodate more swimmers and allow water to warm more, with

waterside turf, concrete, and sand areas; additional support facilities (parking, etc.). Redundant

- RWG-LF9-Develop Hwy 70 Gateway to LO[S]RA: Increase signage and develop significant new Visitor/Information Center near one of the SR 70 exits, probably alternate to that proposed in TF10 or additional project similar to WA8. No details
- RWG-LF10- Hotel complex (SE side of river): Allow concessionaire to use public land for development of tourism-enhancing recreation-facilitating overnight lodging (perhaps resort-style) development, with conference facilities/capability. Insufficient information – DWR is not in the resort business but concessionaire could work through DPR.
- RWG-LF14- Add improvements to the Nature Center: Additional day-use, trail, and interpretive facilities; these are being implemented as an Interim Project.
- RWG-LF15- Repave Old Ferry Rd. at bathroom: Short segment (<1/4 mile) of resurfacing existing road. No priority
- RWG-LF16-Redevelop Hammond Park: Rehabilitate and upgrade day-use facilities. No priority
- RWG-LF17-Relocate DWR maintenance yard: Move the storage area and other DWR facilities (now upstream from the right abutment of the Diversion Dam) to an undetermined location, to enhance existing/expanded Group Staging Area. Management
- RWG-LF18-Add swim center: Construct large, indoor competition-capable Downtown public swim facility on City land in the center of the existing downtown residential neighborhoods. Redundant
- RWG-LF19- Acquire land at Hwy 70 crossing (north and south sides): Expand public land by negotiation with willing sellers, for expansion of existing Park areas (Riverbend, Bedrock) and/or new high-visibility Visitor/Information Center (see TF10 and/or LF9).
   Property acquisition
- RWG-LF25-Add Waterfront Linear Park: Multiuse trails on both sides of River, 2 footbridges, levee road, several stair accesses to river, possible venue for Veteran's Park; generally through downtown from Nature Center to Riverbend. Insufficient project nexus 

   not within FERC boundary and if included, would impact City ability to act without FERC approval and or license amendment.
- RWG-LF27- Add Downtown Riverfront Park: Element of LF25 with river access/trails (both sides); possible site of Cultural Center Museum and amphitheater to accommodate a variety of types of events. Insufficient project nexus—not within FERC boundary and if included, would impact City ability to act without FERC approval and or license amendment.
- RWG-LF36- Acquire property for river access from CalTrans: Negotiate purchase of surplus right-of-way to facilitate recreational use, development, and access to the River from existing recreation areas and proposed SR 70 interchange. Property acquisition
- RWG-LF37-Add historical interpretation of historic gold dredge: At existing recreation area near SR 70 exit (such as Riverbend Park entrance), place historic gold dredging equipment and interpretive exhibits. Insufficient project nexus
- RWG-LF43-O+M Funding for Riverbend Park: Establish recurring allocation of Project funds for Operation and Maintenance of Riverbend Park. Settlement issue.

# Oroville Wildlife Area

# Existing Focus

- Wildlife and habitat management
- Day use and overnight use

#### Alternative Future Vision

- Improve management and interpretation
- Add facilities at the TAB outlet area
- Improve appropriate public access to designated areas
- Improve habitat and wildlife populations to support sustainable uses

# **Existing Uses**

- Limited primitive camping
- Day use
- Picnicking, hunting, wildlife viewing, trails, fishing, boating, off-road vehicles, shooting range

# **Proposed Resource Actions**

#### Day Use

- RWG-WA10-Add day use facilities at Afterbay Outlet: designate area near river but away from camping area and install picnic tables and BBQs.
- RWG-WA8-Add information center off Larkin Road: Construct easily-visible but unstaffed Information Kiosk, with interpretive displays and tourist information, at entrance to Larkin Road car-top ramp area (handful of designated, improved parking spots).
- RWG-WA9-Add wildlife viewing and interpretation: Install additional interpretive panels at all OWA entrances; designate marked trails (with self-guided literature and markings) for wildlife viewing. (Investigate appropriate locations for interpretive information – link to trails plan).
- RWG-WA17-Clean out the silt of all ponds and remove excess brush around ponds with clear paths to each and plant some warm water fish in each; dredging, aquatic weed control, trail construction/maintenance, fish-planting. (need to check with Environmental Work Group – ponds are habitat)

# **Boating**

RWG-WA16-Improve water ski area, and/or develop pond in OWA: Existing area already improved (Interim Project); additional/alternative site is a large pond in OWA, construct parking, grandstands, restroom, and upgrade road. (Direct conflict with wildlife management – will investigate alternative site for water ski facility)

#### Camping

- RWG-WA2-Add camping at Afterbay outlet: Improve and expand existing primitive camping area (additional sanitary facilities; perhaps designate individual sites, install tables, potable water).
- RWG-WA4-Restore natural values of Wildlife Area: Elevate management priority for primary State Wildlife Area purposes -- reduce emphasis on recreation, restore native vegetation, restrict or eliminate high-speed motorized uses.

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- RWG-WA1- Re-establish boat launch ramp on west side of river in wildlife area: Improve ramp near Afterbay Outlet (currently dirt, rough); include parking and related minimal amenities (vault toilet). Under development by Boating and Waterways and CDFG.
- RWG-WA3- Add launch ramp at Afterbay outlet:-. With WA-1, this isn't needed.
- RWG-WA11- Provide funding for operations and maintenance of Wildlife area: Increase DFG Budget appropriation to restore past levels of service or increase service level; "subsidize" with DWR O+M funds if Legislative/DFG appropriation is reduced.
   Procedural: similar to action in Land Use WG: Settlement issue.
- RWG-WA12-Trade to remove 50-100 acres, outlet property from Wildlife Area for campground: Build new, improved campground near site of existing primitive camp area; amend operating agreement for management of this portion of OWA if necessary.

  Redundant: inconsistent with CDFG management; settlement issue.